

Claims

1. A method for selection of a route for transmission of data packets from a source network site to a destination network site, both network sites being
 5 connected to a network via a plurality of network service provider connections, said method comprising at least steps of
- selecting of a first network service provider connection from a set of network service provider connections connecting the source network site to the network,
 - selecting of a second network service provider connection from a set of network
 10 service provider connections connecting the destination network site to the network,
- in which method said selections are performed at the source network site, and which selections are made at least in part on the basis of at least
- a round trip time value for each combination of source and destination network service provider connections, and
 - 15 - a packet success rate value for each combination of source and destination network service provider connections.
2. A method according to claim 1, wherein said selections are performed at least in part also on the time elapsed after the selection of routes was previously changed.
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3. A method according to claim 2, wherein the amount change in the packet success rate and/or round trip time of a connection required to cause a change in the route selection reduces as a function of time.
- 25 4. A method according to claim 3, wherein said function of time is a piecewise linear function.
5. Network node for transmitting data packets from from a source network site to a destination network site, said network sites being connected to a network each
 30 via a plurality of network service provider connections, said network node comprising at least
- means for selecting of a first network service provider connection from a set of network service provider connections connecting the source network site to the network, and
 - 35 - means for selecting of a second network service provider connection from a set of network service provider connections connecting the destination network site to the network,
- which selections being made at least in part on the basis of at least

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- a round trip time value for each combination of source and destination network service provider connections, and
- a packet success rate value for each combination of source and destination network service provider connections.

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6. Computer software product for a system for transmitting data packets from a source network site to a destination network site, said network sites being connected to a network each via a plurality of network service provider connections, said computer software product comprising at least

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- computer software code means for selecting of a first network service provider connection from a set of network service provider connections connecting the source network site to the network, and

- computer software code means for selecting of a second network service provider connection from a set of network service provider connections connecting the destination network site to the network,

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which selections being made at least in part on the basis of at least

- a round trip time value for each combination of source and destination network service provider connections, and

- a packet success rate value for each combination of source and destination network service provider connections.

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